

CLAIMS

1. Cosmetic microemulsion-based formulation comprising at least one antiperspirant active ingredient and/or deodorant active ingredient and at least one α -hydroxycarboxylic acid.
2. Cosmetic formulation according to Claim 1, characterized in that the hydroxycarboxylic acid chosen is mandelic acid.
3. Cosmetic formulation according to Claim 1 or 2, characterized in that it is an O/W microemulsion.
- 10 4. Cosmetic formulation according to Claim 1 or 2, characterized in that it is a microemulsion gel.
5. Cosmetic formulation according to Claim 4 based on microemulsion gels,
 - a) based on microemulsions of the oil-in-water type which comprise
 - an oil phase which is essentially composed of constituents of low volatility, and a water phase
 - comprising:
 - one or more polyethoxylated O/W emulsifiers and/or
 - one or more polypropoxylated O/W emulsifiers and/or
 - one or more polyethoxylated and polypropoxylated O/W emulsifiers,
 - 15 - if desired also comprising one or more W/O emulsifiers
 - having an emulsifier content of less than 20% by weight, based on the total weight of the emulsion,
 - obtainable by bringing a mixture of the base components, comprising water phase, oil phase, one or more of the O/W emulsifiers according to the invention, if desired one or more W/O emulsifiers, and if desired further auxiliaries, additives and/or active ingredients, to a temperature within or above the phase inversion temperature range, and subsequently cooling to room temperature
- 20 (b) in which the droplets of the discontinuous oil phase are joined together by

one or more crosslinker substances whose molecules are characterized by at least one hydrophilic region which has a size suitable for bridging the distance between the microemulsion droplets, and by at least one hydrophobic region which is able to enter into hydrophobic interaction with the microemulsion droplets.

- 5 6. Formulation according to one of the preceding claims, characterized in that the antiperspirant active ingredient is chosen from the group of aluminum salts, preferably aluminum chlorohydrate and/or activated aluminum chlorohydrate.
- 10 7. Formulation according to one of the preceding claims, characterized in that the ratio of AP active ingredient to α -hydroxycarboxylic acid is chosen in the range 15:1 to 1:1, preferably 12:1 to 2:1, in particular 10:1 to 2.5:1.
- 15 8. Formulation according to one of the preceding claims, characterized in that the antiperspirant active ingredient is used in an amount of from 1 to 35% by weight, preferably from 1 to 25% by weight, particularly preferably from 1 to 20% by weight, based on the total mass of the formulation.
9. Formulation according to one of the preceding claims, characterized in that the α -hydroxycarboxylic acid, in particular mandelic acid, is used in an amount of from 0.1 to 10% by weight, preferably from 0.1 to 8% by weight, based on the total mass of the formulation.
- 20 10. Formulation according to one of the preceding claims, characterized in that the formulation has a defined yield point.
11. Formulation according to Claim 10, characterized in that the formulation has a defined yield point of from 40 to 120 Pa (by means of shear stress time ramp (40 Pa/min; 25°C)).
- 25 12. Use of a cosmetic formulation according to at least one of the preceding claims for application to the human skin.
13. Use of a cosmetic formulation according to at least one of the preceding Claims 1 to 11 as antiperspirant and/or deodorant.

14. Use of the combination of α -hydroxycarboxylic acid, preferably mandelic acid, an antiperspirant active ingredient and/or deodorant active ingredient and of an O/W microemulsion for preparing a transparent AP or deodorant preparation.

5 15. Use of the combination of an antiperspirant active ingredient and/or deodorant active ingredient, and at least one α -hydroxycarboxylic acid, preferably mandelic acid, for preparing a microemulsion with a defined yield point.